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/note="Vector: pCMV-SPORT6"

166..1281

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BASE COUNT
ORIGIN

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PubMed

Nucleotide

Protein

Genome

Structure

PMC

Taxonomy

OMIM

Boo

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Details

Show: ☐ 1: Q9BYS8. Leucine-rich repe...[gi:23821855]

BLink, Domains, Links

LOCUS Q9BYS8 371 aa linear PRI 15-SEP-2003
DEFINITION Leucine-rich repeat-containing protein 2.
ACCESSION Q9BYS8
VERSION Q9BYS8 GI:23821855
DBSOURCE swissprot: locus LRC2_HUMAN, accession Q9BYS8;
class: standard.
extra accessions: Q96LT5, created: Feb 28, 2003.
sequence updated: Feb 28, 2003.
annotation updated: Sep 15, 2003.
xrefs: gi: 14330408, gi: 13186112, gi: 16553760, gi: 16553761, gi:
20809627, gi: 20809628
xrefs (non-sequence databases): MIM 607180, InterProIPR001611,
InterProIPR003591, PfamPF00560, PRINTSPR00019, SMARTSM00369
KEYWORDS Repeat; Leucine-rich repeat.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (residues 1 to 371)
AUTHORS Kiss, H., Yang, Y., Kiss, C., Andersson, K., Klein, G., Imreh, S. and
Dumanski, J. P.
TITLE The transcriptional map of the common-eliminated region 1 (C3CER1)
in 3p21.3
JOURNAL Eur. J. Hum. Genet. 10 (1), 52-61 (2002)
MEDLINE 21906202
PUBMED 11896456
REMARK SEQUENCE FROM N.A.
REFERENCE 2 (residues 1 to 371)
AUTHORS Nishi, T., Nakagawa, S., Senoh, A., Mizuguchi, H., Inagaki, H.,
Suzuki, Y., Hata, H., Nakagawa, K., Mizuno, S., Morinaga, M.,
Kawamura, M., Sugiyama, T., Irie, R., Otsuki, T., Sato, H.,
Nishikawa, T., Sugiyama, A., Kawakami, B., Nagai, K., Isogai, T. and
Sugano, S.
TITLE Direct Submission
JOURNAL Submitted (~OCT-2001)
REMARK SEQUENCE FROM N.A.
TISSUE=Cerebellum
REFERENCE 3 (residues 1 to 371)
AUTHORS Strausberg, R. L., Feingold, E. A., Grouse, L. H., Derge, J. G.,
Klausner, R. D., Collins, F. S., Wagner, L., Shenmen, C. M., Schuler, G. D.,
Altschul, S. F., Zeeberg, B., Buetow, K. H., Schaefer, C. F., Bhat, N. K.,
Hopkins, R. F., Jordan, H., Moore, T., Max, S. I., Wang, J., Hsieh, F.,
Diatchenko, L., Marusina, K., Farmer, A. A., Rubin, G. M., Hong, L.,
Stapleton, M., Soares, M. B., Bonaldo, M. F., Casavant, T. L.,
Scheetz, T. E., Brownstein, M. J., Usdin, T. B., Toshiyuki, S.,
Carninci, P., Prange, C., Raha, S. S., Loquellano, N. A., Peters, G. J.,
Abramson, R. D., Mullahy, S. J., Bosak, S. A., McEwan, P. J.,

McKernan, K.J., Malek, J.A., Gunaratne, P.H., Richards, S.,
 Worley, K.C., Hale, S., Garcia, A.M., Gay, L.J., Hulyk, S.W.,
 Villalon, D.K., Muzny, D.M., Sodergren, E.J., Lu, X., Gibbs, R.A.,
 Fahey, J., Helton, E., Kettelman, M., Madan, A., Rodrigues, S.,
 Sanchez, A., Whiting, M., Madan, A., Young, A.C., Shevchenko, Y.,
 Bouffard, G.G., Blakesley, R.W., Touchman, J.W., Green, E.D.,
 Dickson, M.C., Rodriguez, A.C., Grimwood, J., Schmutz, J., Myers, R.M.,
 Butterfield, Y.S.N., Krzywinski, M.I., Skalska, U., Smailus, D.E.,
 Schnerch, A., Schein, J.E., Jones, S.J.M. and Marra, M.A.

TITLE Generation and initial analysis of more than 15,000 full-length
 human and mouse cDNA sequences

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903 (2002)

MEDLINE 22388257

PUBMED 12477932

REMARK SEQUENCE FROM N.A.

TISSUE=Colon, Kidney, and Stomach

COMMENT

 This SWISS-PROT entry is copyright. It is produced through a
 collaboration between the Swiss Institute of Bioinformatics and
 the EMBL outstation - the European Bioinformatics Institute.
 The original entry is available from <http://www.expasy.ch/sprot>
 and <http://www.ebi.ac.uk/sprot>

[SIMILARITY] Contains 9 leucine-rich (LRR) repeats.

FEATURES

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/gene="LRRC2"

Protein 1..371

/gene="LRRC2"

/product="Leucine-rich repeat-containing protein 2"

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/note="K -> R (IN REF. 2)."

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Region 145

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Region 167..189

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Region 191..213

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/note="LRR 9."

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